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RAW SEQUENCE LISTING DATE: 03/18/2002 PATENT APPLICATION: US/10/090,185 TIME: 16:07:14

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1 <110> APPLICANT: Zhang, Xiaokui
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             Wrzeszczynska, Melissa H
     3
             Horvath, Curt M
             Darnell Jr., James E
     5 <120> TITLE OF INVENTION: METHODS FOR IDENTIFYING MODULATORS OF TRANSCRIPTIONAL
ACTIVATOR PROTEIN
             INTERACTIONS
     7 <130> FILE REFERENCE: 600-1-253
     8 <140> CURRENT APPLICATION NUMBER: 10/090,185
     9 <141> CURRENT FILING DATE: 2002-03-04
                                                         ENTERED
    11 <150> PRIOR APPLICATION NUMBER: 09/387,418
    12 <151> PRIOR FILING DATE: 1999-08-31
    15 <160> NUMBER OF SEQ ID NOS: 43
    16 <170> SOFTWARE: PatentIn Ver. 2.0
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0/ 1 5	10 15
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89 20	Thr Phe Pro Met Glu Leu Arg Gln 25
90 Phe Leu Ala Pro Trp Ile Glu Ser	Thr Phe Pro Met Glu Leu Arg Gln 25 30 Gln Asp Trp Ala Tyr Ala Ala Ser
89 20 90 Phe Leu Ala Pro Trp Ile Glu Ser 91 35 40	Thr Phe Pro Met Glu Leu Arg Gln 25 30 Gln Asp Trp Ala Tyr Ala Ala Ser 45
89 20 90 Phe Leu Ala Pro Trp Ile Glu Ser 91 35 40 92 Lys Glu Ser His Ala Thr Leu Val	Thr Phe Pro Met Glu Leu Arg Gln 25 30 Gln Asp Trp Ala Tyr Ala Ala Ser 45 Phe His Asn Leu Leu Gly Glu Ile
89 20 90 Phe Leu Ala Pro Trp Ile Glu Ser 91 35 40 92 Lys Glu Ser His Ala Thr Leu Val 93 50 55	Thr Phe Pro Met Glu Leu Arg Gln 25 30 Gln Asp Trp Ala Tyr Ala Ala Ser 45 Phe His Asn Leu Leu Gly Glu Ile 60
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89 20 90 Phe Leu Ala Pro Trp Ile Glu Ser 91 35 40 92 Lys Glu Ser His Ala Thr Leu Val 93 50 55 94 Asp Gln Gln Tyr Ser Arg Phe Leu 95 65 70 96 His Asn Leu Arg Arg Ile Lys Gln	Thr Phe Pro Met Glu Leu Arg Gln 25 30 Gln Asp Trp Ala Tyr Ala Ala Ser 45 Phe His Asn Leu Leu Gly Glu Ile 60 Gln Glu Ser Asn Val Leu Tyr Gln 75
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89 20 90 Phe Leu Ala Pro Trp Ile Glu Ser 91 35 40 92 Lys Glu Ser His Ala Thr Leu Val 93 50 55 94 Asp Gln Gln Tyr Ser Arg Phe Leu 95 65 70 96 His Asn Leu Arg Arg Ile Lys Gln 97 85 98 Lys Pro Met Glu Ile Ala Arg Ile 99 100 100 Ser Arg Leu Leu Gln Thr Ala Ala 101 115 120	Thr Phe Pro Met Glu Leu Arg Gln 25 30 Gln Asp Trp Ala Tyr Ala Ala Ser 45 Phe His Asn Leu Leu Gly Glu Ile 60 Gln Glu Ser Asn Val Leu Tyr Gln 75 80 Phe Leu Gln Ser Arg Tyr Leu Glu 90 95 Val Ala Arg Cys Leu Trp Glu Glu 110 Thr Ala Ala Gln Gln Gly Gly Gln 125
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                                             25
 116
           Glu Lys Gln Gln Met Leu Glu Gln His Leu Gln Asp Val Arg Lys Arg
 117
 118
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 119
 120
           Asp Phe Asp Phe Asn Tyr Lys Thr Leu Lys Ser Gln Gly Asp Met Gln
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125
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                                       120
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                                   135
                                                        140
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131
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                                                   155
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132
133
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                                               170
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134
135
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                                           185
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137
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139
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                                                   235
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156	Hi	s L	eu T	hr L	eu 2	Arq	Gl	u G	ln	Arc	r Cv	.s c	1 17 7	۱an	C1	01		30	_	Asn
157																				
158	Су	s A	sp A	la s	er 1	ceu	11	e Va	1	Thr	, - Gl	n C	1,, 7	٥.,	TT -	- 4	· 5 		_	Phe
159																				
160	Gl	u Tl	nr G	lu V	al 1	ryr	His	s Gl	n	Glv	7 T.a	n T.	, c T	. 1 ~	6					His
161																				
162	Se	r Le	eu Pi	ro V	al v	7a1	Va	1 T1	_	Sar	· 7 c	n T		75	~1					80 Ala
163																				
164	Tr	p Al	a Se	er I	le I	eu	Trr	טיד כ	r	Δen	Mo	: + ⊤.	,, m	L		_	n Pr		95	
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167			11	.5			-1-	,	•	120	TT	= 61	УТ	nr	rrr			n Va	11	Ala
168	Gl	u Va	l Le	u Se	er T	rp	G1 n	n Dh	٠	200	Cor	տ տե		1	_	12	5 g Gl			
169		13	0			- 12	OIL	13	с, 5	ser	sei	r Tr	rr	nr	Lys	Ar	g Gl	y Le	€u	Ser
170	116	e Gl	u Gl	n Le	ים נוי	hr	Thr	. T.O	., ,, ,	7 1 ~	G1.				140	1				
171	145	5					150	ne	u z	мта	GIL	і гу	SL	eu	Leu	Gly	y Pr	o G1	.у	Val
172	Ası	ı Ty	r Se	r Gl	v c	ve	Gln		~ п	Db	m		1	55						160
173		- 1		_ 01	., C	65	GIII	11	ב ו	rnr	Trp) AI	a L	γs	Phe	Cys	5 Ly	s Gl	u	Asn
174																				
175				18	0	- y	rne	3e.	LE	ue	Trp	va.	L Ti	rp	Leu	Asp) Ası	1 I I	e	Ile
176	Asp	Lei	u Va			70	тих	т1.			185	_					190)		
177			19	<u>-</u>	υ.	y 3	тут	тте	∌ L	-eu	Ата	Le	u Tı	:p	Asn	Glu	190 Glz	ту Ту	r	Ile
178	Met	Gly			A 94	ar.	Two	C1.	. 2	200	~ 1	_				205				
179		210)	~ 11	C 50	-1	nys	215	LA	ırg	Glu	Ar	g A1	.a	Ile	Leu	Ser	Th	r	Lys
180	Pro			v Th	r Di		T 0	213	, ,			_	_		220					
181	225		. 01	, 111	r Fi	16	230	теп	ı A	rg	Pne	Se:	r Gl	u	Ser	Ser	Lys	Gl	u (Gly
182																				
183	1			LII	24	5	тър	val	G	Lu	Lys	Asp) [1	e s	Ser	Gly	Lys	Th:	r (Gln
184																				
185				260	,	uı	10	туг	Τ.	nr	Lys	Glr	ı Gl	n l	Leu	Asn	Asn	Met	- 5	Ser
186																				
187			275		- 11	C r	1e C	СТУ	T)	yr Oo	ràs	IΙε	Me	t A	lsp	Ala	270 Thr	Ası	1	le
188																				
189		290	DCI	FIC	, re	u v	/aı	Tyr	Le	eu !	Tyr	Pro	As	p I	le	Pro	Lys	Glu	ιG	lu
190								Z 7.)							$\Lambda \Lambda$					
191	Ala 305		OLY	пуз	. ту	י ר	ys	Arg	Pı	ro (Glu	Ser	Gl	n G	lu	His	Pro	Glu	A	la
192													211	=						
193	Asp	110	GLY	ser	Al	al A	та	Pro	Ту	/r I	Leu	Lys	Th	r L	уs	Phe	Ile	Cys	V	al
194																				
195	Thr	110	1111	340	Cy.	5 5	er .	Asn	Th	ır]	lle	Asp	Let	ı P	ro	Met	Ser	Pro	Α	rq
196																				
197	Thr	Leu	355	ser	ьес	1 M	et (Gln	Ph	ie G	ly.	Asn	Asr	ı G	ly (Glu	Gly	Ala	G.	lu
198																				
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201	Thr 385	OET	GIU	cys	АТа	T	nr S	ser	Pr	O M	et									
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204 <211>	LENC	ים. יטי	154	LI																
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VERIFICATION SUMMARY

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